

**Figure 2**

**AminoAcid Sequence of Rice Homologue of MLH1.**

1 MDEPSPRGGG CAGEPPRIRR LEESVVNRIA AGEVIQRPSS AVKELIENSL  
51 DAGASSVSVA VKDGGLKLIQ VSDDGHGIRF EDLAILCERH TTSKLSAYED  
101 **LQTIKSMGFR** **GEALASMTYV** GHVTVTTITE GQLHGYRVSY RDGVMENEPK  
151 PCAAVKGTQV MVENLFYNMV ARKCTLQNSN DDYPKIVDFI SRFVHHINV  
201 TFSCRKHGAN RADVHSASTS SRLDAIRSVY GASVVRDLIE IKVSYEDAAD  
251 SIFKMDGYIS NANYVAKKIT MILFINDRLV DCTALKRAIE FVYSATLPQA  
301 SKPFIYMSIH LPSEHVDVNI HPTKKEVSLN NQERIIETIR NAIEEKLMS  
351 NTTRIFQTQA LNLGGIAQAN PQKDKVSEAS MSGGTSQKI PVSQMVRTDP  
401 RNPSGRLHTY WHGQSSNLEK KFDLVSVRNV VRSRRNQKDA GDLSSRHELL  
451 VEIDSSFHPG LLDIVKNCTY VGLADEAFAL IQHNTRLYLV NVVNISKELM  
501 YQQALCRFGN FNAIQLSEPA PLQELLVMAL KDELMSDEK DDEKLEIAEV  
551 NTEILKENAE MINEYFSIHI DQDGKLTRLV VVLDQYTPDM DRLPEFVLAL  
601 GNDVTWDDEK ECFRTVASAV GNFYALHPPI LPNPSGNGIH LYKKNRDSMA  
651 DEHAENDLIS DENDVDQELL AEAEAAWAQR EWTIQHVLFP SMRLFLKPPK  
701 SMATDGTFVQ VASLEKLYKI FERC\*

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*mutL*/PMS1 signature sequence is shown in **bold**.